



10-21-05

TFW

PATENT
Attorney Docket No.: 140069

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael Joseph Reale et al.
Serial No.: 10/766,437
Filed: January 28, 2004
For: METHODS AND
APPARATUS FOR
OPERATING GAS TURBINE
ENGINES

Group No.: 3746
Examiner: Not yet assigned

**Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

TRANSMITTAL

- Transmitted herewith is:
Amendment Transmittal which includes Certificate of Express Mail (3 pgs.) NO FEE
Amendment in Response to the Restriction Requirement dated September 20, 2005 (2
pgs.)
Return Postcard

STATUS

- Applicant
☐ claims small entity status.
☒ is other than a small entity.

CERTIFICATE OF MAILING BY EXPRESS MAIL TO
THE COMMISSIONER FOR PATENTS

**Express Mail No. EV679276244 US
Date: October 20, 2005**

I hereby certify that the documents listed above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Robert B. Reeser, III, Reg. No. 45,584

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) _____ Applicant petitions for an extension of time under 37 C.F.R. 1.136
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
_____ first month	\$ 120.00	\$ 60.00
_____ second month	\$ 450.00	\$ 225.00
_____ third month	\$ 1,020.00	\$ 510.00
_____ fourth month	\$1,590.00	\$ 795.00
_____ fifth month	\$2,160.00	\$1,080.00

Fee: \$ _____

If an additional extension of time is required, please consider this a petition therefor.

(Check and complete the next item, if applicable)

_____ An extension of _____ months has already been secured. The fee paid therefor \$ _____ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ _____

OR

- (b) X Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	ADDITIONAL RATE FEE	OR	ADDITIONAL RATE FEE
TOTAL INDEP.		MINUS		=	x \$25.00 = \$		x \$50.00 = \$
		MINUS		=	x \$100.00 = \$		x \$200.00 = \$
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ \$180.00 = \$		+ \$360.00 = \$
					TOTAL ADDITIONAL FEE \$	OR	TOTAL ADDITIONAL FEE \$

- (a) ☒ No additional fee for Claims is required

OR

- (b) ☐ Total additional fee for claims required \$ _____

FEE PAYMENT

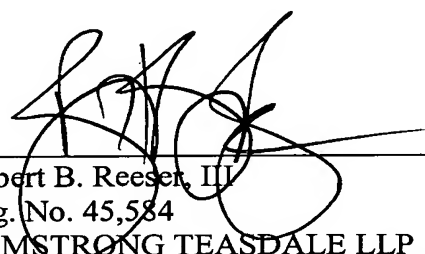
5. Attached is a check in the sum of \$ _____
- ☐ Charge Deposit Account No. 01-2384 the sum of \$ _____.
A duplicate of this transmittal is attached.

FEE DEFICIENCY

6. ☒ If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

AND/OR

- ☒ If any additional fee for claims is required, charge Deposit Account No. 01-2384.
7. ☐ Other:


 Robert B. Reeser, III
 Reg. No. 45,584
 ARMSTRONG TEASDALE LLP
 One Metropolitan Square, Suite 2600
 St. Louis, MO 63102
 314-621-5070



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Patent
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Serial No.: 10/766,437 : Art Unit: 3746
Filed: January 28, 2004 : Examiner: Kim, Tae Jun
For: METHODS AND APPARATUS FOR :
OPERATING GAS TURBINE ENGINES :

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
Box NON-FEE AMENDMENT
Washington, D.C. 20231

The Office Action mailed September 20, 2005 has been carefully reviewed and the foregoing amendment has been made in consequence thereof. In response to the election of a species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable, Applicant elects the species of Figure 1. Claims 1-20 belong to the elected species.

Applicant respectfully submits, however, that Claims 21-27 do read on the elected species of Figure 1. For example, independent Claim 1 recites "a method for operating a gas turbine engine, including a first compressor, a second compressor, and a turbine, coupled together in serial flow arrangements . . . channeling the condensate to an inlet of the second compressor to facilitate reducing an operating temperature of the gas turbine engine."

Figure 4 is a schematic illustration of a gas turbine engine. Figure 4 illustrates a series flow arrangement of various engine components. Compressed airflow is discharged from the first compressor to an intercooler which creates a condensate to be channeled into the first compressor. Paragraph 12, line 4 recites, "engine 10 is known in the art and includes, in serial flow relationship, a low pressure compressor or booster, a high pressure compressor" Therefore, in the Figure 4 embodiment, condensate is channeled into the second compressor. In